

**ADENOSINE A3 RECEPTOR ANTAGONISTIC AGENT AND THIAZOLE COMPOUND**

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**Abstract of JP11193281**

**PROBLEM TO BE SOLVED:** To obtain the subject antagonistic agent having excellent adenosine A<sub>3</sub> receptor antagonistic action and high peroral absorbability and metabolic stability and useful for the prevention and treatment of asthma, inflammation, etc., by including a specific azole compound.  
**SOLUTION:** This antagonistic agent contains a 1,3-azole compound substituted with pyridyl group which may have substituents at 4 and/or 5- positions, preferably a compound of formula I (R<1> is H, a hydrocarbon group, a heterocyclic group or the like; one of R<2> and R<3> is H, pyridyl or the like and the other is pyridyl; X is S atom or the like which may be oxidized), its N-oxide or its salt. Among the compounds of formula I, the compounds of formula II (R<1a> is an aromatic heterocyclic group or the like; R<2a> is an aromatic hydrocarbon group; R<3a> is pyridyl) are new compounds producible by reacting a compound of formula III (Hal is a halogen) with a compound of formula IV. The compound of formula I is e.g. N-methyl [5-phenyl-4-(3-pyridyl)-1,3- thiazol-2-yl]amine.

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